241 may be set too early, and no amount of advice to be patient will retard it. However, for the millets, fonio, and rice, the visible characters of ripeness are known and respected (opening of the husk in the case of millet, color and bowing of the spike in the case of fonio and rice).

242 824 When a field is exhausted, it is allowed to lie fallow, and another terrain is cleared of brush, sometimes several kilometers from the village. A field is recognized as being exhausted when a variety of plant known as sege (Striga senegalensis Benth) appears spontaneously; when the soil is reconstituted and regains its richness, tiekala (Cymbopogon giganteus Benth) and wägha (Andropogon Gayanus Kunth) appear, which indicates that the field may again be cultivated. Thus, the fields are rotated around the village that cultivates them, 342 following a cycle which may last 20 years. Temporary dwellings are set up near the fields under cultivation, and the farmer lives there during the work with each of his wives in turn.

[29] B. Food Crops

243 The Bambara cultivate food plants and textile plants. Millet is the basic crop in the savanna. The pénicillaires, small millet (Pennisetum typhoïdeum R.), are cultivated very far north. Their types are characterized by the length of their vegetative cycles, which vary from 65 to 140 days. In general, they are sown in a rather light soil at the beginning of the rainy season. The grain is put in the ground, without preliminary working of the soil, in holes one pace apart and a few centimeters deep. A pinch of seed is put in each hole, and one to three subsequent workings are given the soil; the first, 15 days after reaping, the others in July and August. The yield varies from 350 to 1,000 kilograms per hectare.

The sorghums (Sorghum vulgare) include a considerable number of varieties with vegetative cycles varying from 120 to 150 days. M. Vichon has collected 11 samples of sugar sorghums, 132 of late mid-season, 87 early, 138 of transplants. M. Creak divides the sorghums into three types: with full, compact, conical spikes; with elongated spikes and more detached spikelets; with very elongated spikes and with spikelets even more detached from the axis. A third